

## Patent Assignment Abstract of Title

**Total Assignments: 1****Application #:** 09678428**Filing Dt:** 10/02/2000**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** NONE**Pub Dt:****Inventor:** Thomas H. Tapio**Title:** System and method for sharing of expert knowledge**Assignment: 1****Reel/Frame:** 012562/0262**Received:**  
04/08/2002**Recorded:**  
02/04/2002**Mailed:**  
04/09/2002**Pages:** 4**Conveyance:** MERGER (SEE DOCUMENT FOR DETAILS).**Assignor:** SOFTWARE DEVELOPMENT PRODUCTIVITY, INC.**Exec Dt:** 11/21/2001**Assignee:** TOPIARY COMMUNICATIONS, INC.

SUITE 803

53 W. JACKSON BLVD.

CHICAGO, ILLINOIS 60604

**Correspondent:** DANIEL SCHRAMM

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CHICAGO, IL 60604

Search Results as of: 1/29/2004 12:03:00 P.M.

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Web interface last modified: Oct. 5, 2002

## Refine Search

### Search Results -

Terms	Documents
L15 and multimedia	72

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L16

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, January 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L16</u>	L15 and multimedia	72	<u>L16</u>
<u>L15</u>	L14 and HTML	84	<u>L15</u>
<u>L14</u>	L13 and Java\$6	86	<u>L14</u>
<u>L13</u>	L12 and database and question\$2 and answer\$2 and rules and fields	108	<u>L13</u>
<u>L12</u>	L11 and learn\$3 and problem and solv\$3	163	<u>L12</u>
<u>L11</u>	expert\$2 near knowledge and template	321	<u>L11</u>
<u>L10</u>	expert\$2 near knowledgte and template	0	<u>L10</u>
<u>L9</u>	L6 and expert\$2 near knowledge and template	21	<u>L9</u>
<u>L8</u>	L6 and knowledge near expert\$2 and template	21	<u>L8</u>
<u>L7</u>	L6 and knowledge and expert and template	31	<u>L7</u>
<u>L6</u>	706/60.ccls.	150	<u>L6</u>
<u>L5</u>	(5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20	<u>L5</u>

<u>L4</u>	(5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34	<u>L4</u>
<u>L3</u>	(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	<u>L3</u>
<u>L2</u>	6,026,433.pn.	2	<u>L2</u>
<u>L1</u>	5,546,507.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

## Hit List



Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 5546507 A

Using default format because multiple data bases are involved.

L1: Entry 1 of 2

File: USPT

Aug 13, 1996

US-PAT-NO: 5546507

DOCUMENT-IDENTIFIER: US 5546507 A

TITLE: Apparatus and method for generating a knowledge base

DATE-ISSUED: August 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Staub; Wendy C.	Strafford	PA		

US-CL-CURRENT: 706/60; 706/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 2. Document ID: US 5546507 A

L1: Entry 2 of 2

File: DWPI

Aug 13, 1996

DERWENT-ACC-NO: 1996-384050

DERWENT-WEEK: 199638

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TITLE: Automatically generating knowledge base for expert system - generates and displays graphical node, and defines type of test node type and solution node type, test and solution associated with respective nodes, leg associated with 2 nodes and formula associated with leg

INVENTOR: STAUB, W C

PRIORITY-DATA: 1993US-0111251 (August 20, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5546507 A</u>	August 13, 1996		047	G06F015/00

INT-CL (IPC): G06 F 15/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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Terms	Documents
5,546,507.pn.	2

Display Format:

[Previous Page](#)      [Next Page](#)      [Go to Doc#](#)

## Refine Search

### Search Results -

Terms	Documents
(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, January 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L3</u>	(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	<u>L3</u>
<u>L2</u>	6,026,433.pn.	2	<u>L2</u>
<u>L1</u>	5,546,507.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6026433 A

Using default format because multiple data bases are involved.

L2: Entry 1 of 2

File: USPT

Feb 15, 2000

US-PAT-NO: 6026433

DOCUMENT-IDENTIFIER: US 6026433 A

TITLE: Method of creating and editing a web site in a client-server environment using customizable web site templates

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Arlach; Carmen Ximena	San Francisco	CA		
Kershner; Stephen Kenneth	Palo Alto	CA		
Singh; Sameer Satyendra	San Jose	CA		

US-CL-CURRENT: 709/217; 707/10, 709/200, 709/203, 709/219, 710/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Security	Discontin	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6026433 A

L2: Entry 2 of 2

File: DWPI

Feb 15, 2000

DERWENT-ACC-NO: 2000-194765

DERWENT-WEEK: 200017

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TITLE: Web site creation and management in client-server network e.g. internet, involves copying selected web site template based on received request and modifying template as new web site for accessing and editing

INVENTOR: D'ARLACH, C X; KERSHNER, S K ; SINGH, S S

PRIORITY-DATA: 1997US-0819598 (March 17, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 6026433 A</u>	February 15, 2000		023	G06F013/00

INT-CL (IPC): G06 F 13/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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Terms	Documents
6,026,433.pn.	2

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[Generate OACS](#)

Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 6029159 A

Using default format because multiple data bases are involved.

L3: Entry 1 of 16

File: USPT

Feb 22, 2000

US-PAT-NO: 6029159

DOCUMENT-IDENTIFIER: US 6029159 A

TITLE: System, method and article of manufacture for a simulation enabled accounting tutorial system

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zorba; Alexander	Middletown	CT		
Rosenfeld; Eren Tolga	New York	NY		
Bertrand; Benoit Patrick	Brossard			CA
Lannert; Eric Jeffrey	Chicago	IL		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 5987443 A

L3: Entry 2 of 16

File: USPT

Nov 16, 1999

US-PAT-NO: 5987443

DOCUMENT-IDENTIFIER: US 5987443 A

TITLE: System, method and article of manufacture for a goal based educational system

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		
Bertrand; Benoit Patrick	Brossard			CA

Wills; Kerry Russell                      Manchester                      CT  
Poon; Alexander Han Leung                  Wolcott                      CT  
Walsh; Michael Joseph                      Newington                      CT

US-CL-CURRENT: 706/11; 434/118, 706/45, 706/47, 706/927

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 3. Document ID: US 5870768 A

L3: Entry 3 of 16

File: USPT

Feb 9, 1999

US-PAT-NO: 5870768

DOCUMENT-IDENTIFIER: US 5870768 A

TITLE: Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Burlington	VT		

US-CL-CURRENT: 715/501.1; 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 4. Document ID: US 5835683 A

L3: Entry 4 of 16

File: USPT

Nov 10, 1998

US-PAT-NO: 5835683

DOCUMENT-IDENTIFIER: US 5835683 A

TITLE: System and method for authoring an expert system

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Corella; Francisco	Chappaqua	NY		
Kim; Michelle Yoonkyung	Scarsdale	NY		

US-CL-CURRENT: 706/59; 706/11, 706/45, 706/47, 706/61, 715/503

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 5. Document ID: US 5806056 A

L3: Entry 5 of 16

File: USPT

Sep 8, 1998

US-PAT-NO: 5806056

DOCUMENT-IDENTIFIER: US 5806056 A

TITLE: Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

DATE-ISSUED: September 8, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Burlington	VT		

US-CL-CURRENT: 706/50; 706/45, 706/46, 706/61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 5799292 A

L3: Entry 6 of 16

File: USPT

Aug 25, 1998

US-PAT-NO: 5799292

DOCUMENT-IDENTIFIER: US 5799292 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Adaptive hypermedia presentation method and system

DATE-ISSUED: August 25, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Austin	TX		

US-CL-CURRENT: 706/11; 715/501.1, 715/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5788508 A

L3: Entry 7 of 16

File: USPT

Aug 4, 1998

US-PAT-NO: 5788508

DOCUMENT-IDENTIFIER: US 5788508 A

TITLE: Interactive computer aided natural learning method and apparatus

DATE-ISSUED: August 4, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; John R.	New Orleans	LA	70115	
Alvandia; John	Metairie	LA		

US-CL-CURRENT: [434/350](#); [434/118](#), [434/323](#), [434/362](#), [706/927](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 5696885 A

L3: Entry 8 of 16

File: USPT

Dec 9, 1997

US-PAT-NO: [5696885](#)

DOCUMENT-IDENTIFIER: US 5696885 A

**\*\* See image for [Certificate of Correction](#) \*\***

TITLE: Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

DATE-ISSUED: December 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Burlington	VT		

US-CL-CURRENT: [706/59](#); [706/12](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: US 6029159 A, TW 452703 A, WO 200038155 A1, AU 9932883 A, EP 1145213 A1

L3: Entry 9 of 16

File: DWPI

Feb 22, 2000

DERWENT-ACC-NO: 2000-205134

DERWENT-WEEK: 200240

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TITLE: Forming method for accounting goal based business simulation utilizing rule based tutorial system

INVENTOR: BERTRAND, B P; LANNERT, E J ; ROSENFELD, E T ; WILLS, K R ; ZORBA, A

PRIORITY-DATA: 1998US-0219480 (December 22, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<a href="#">US 6029159 A</a>	February 22, 2000		160	G06F017/00
<a href="#">TW 452703 A</a>	September 1, 2001		000	G06F015/18
<a href="#">WO 200038155 A1</a>	June 29, 2000	E	000	G09B007/04

AU 9932883 A July 12, 2000 000 G09B007/04  
EP 1145213 A1 October 17, 2001 E 000 G09B007/04

INT-CL (IPC): G06 F 9/455; G06 F 15/18; G06 F 17/00; G09 B 7/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: TW 475127 A, US 5987443 A, WO 200038154 A1, AU 9926650 A

L3: Entry 10 of 16

File: DWPI

Feb 1, 2002

DERWENT-ACC-NO: 2000-012904

DERWENT-WEEK: 200303

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TITLE: Rule based business simulation generating method for use in automotive manufacturing facility, medical instruction system

INVENTOR: BERTRAND, B P; NICHOLS, M S ; POON, A H L ; WALSH, M J ; WILLS, K R

PRIORITY-DATA: 1998US-0218977 (December 22, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>TW 475127 A</u>	February 1, 2002		000	G06F017/60
<u>US 5987443 A</u>	November 16, 1999		131	G06F015/18
<u>WO 200038154 A1</u>	June 29, 2000	E	000	G09B007/04
<u>AU 9926650 A</u>	July 12, 2000		000	G09B007/04

INT-CL (IPC): G06 F 15/18; G06 F 17/60; G09 B 7/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 11. Document ID: US 5870768 A

L3: Entry 11 of 16

File: DWPI

Feb 9, 1999

DERWENT-ACC-NO: 1999-153260

DERWENT-WEEK: 200028

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TITLE: Interactive multimedia or hypermedia expert system for semiconductor device manufacturing line and medical diagnosis

INVENTOR: HEKMATPOUR, A

PRIORITY-DATA: 1994US-0235301 (April 29, 1994), 1997US-0781703 (January 10, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5870768 A</u>	February 9, 1999		047	G09B005/06

INT-CL (IPC): G09 B 5/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 12. Document ID: US 5806056 A

L3: Entry 12 of 16

File: DWPI

Sep 8, 1998

DERWENT-ACC-NO: 1998-506248

DERWENT-WEEK: 200028

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TITLE: Inferential processing method for domain independent expert system - involves performing inferential processing within behavioural knowledge level, structural knowledge level and action level using entropy values associated with nodes in each level

INVENTOR: HEKMATPOUR, A

PRIORITY-DATA: 1994US-0235301 (April 29, 1994), 1996US-0774243 (December 27, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5806056 A	September 8, 1998		047	G06F015/18

INT-CL (IPC): G06 F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 13. Document ID: US 5799292 A

L3: Entry 13 of 16

File: DWPI

Aug 25, 1998

DERWENT-ACC-NO: 1998-480740

DERWENT-WEEK: 200028

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TITLE: Adaptive hypermedia information presentation method in industrial training and education, computer based training - involves adjusting presentation of hypermedia objects by adjusting atleast any one hypermedia object attribute comprising object content, display order, frequency of use characteristics or hide condition

INVENTOR: HEKMATPOUR, A

PRIORITY-DATA: 1995US-0533120 (September 25, 1995), 1994US-0235301 (April 29, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5799292 A	August 25, 1998		022	G06F017/30

INT-CL (IPC): G06 F 17/30

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 5788508 A

L3: Entry 14 of 16

File: DWPI

Aug 4, 1998

DERWENT-ACC-NO: 1998-445831

DERWENT-WEEK: 200126

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Interactive computer aided natural learning method at home-place for students - involves retrieving and pressing audio visual material relating to questions answered incorrectly based on comparison result of answers to questions at student workstation

INVENTOR: ALVENDIA, J; LEE, J R

PRIORITY-DATA: 1995US-0482397 (June 7, 1995), 1992US-0833905 (February 11, 1992), 1993US-0161511 (December 6, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5788508 A	August 4, 1998		023	G09B003/00

INT-CL (IPC): G09 B 3/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw. De
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☐ 15. Document ID: US 5696885 A

L3: Entry 15 of 16

File: DWPI

Dec 9, 1997

DERWENT-ACC-NO: 1998-041575

DERWENT-WEEK: 200028

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Expert system using hierarchical knowledge base e.g. for computer integrated manufacturing - linking lowermost level action knowledge tree, middle level structural knowledge tree and uppermost level behavioural knowledge tree to form hierarchical decomposition from nodes

INVENTOR: HEKMATPOUR, A

PRIORITY-DATA: 1994US-0235301 (April 29, 1994), 1996US-0777212 (December 27, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5696885 A	December 9, 1997		046	G06F015/18

INT-CL (IPC): G06 F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw. De
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☐ 16. Document ID: JP 08320793 A, JP 3084224 B2, US 5835683 A

L3: Entry 16 of 16

File: DWPI

Dec 3, 1996

DERWENT-ACC-NO: 1997-080714

DERWENT-WEEK: 200045

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TITLE: Expert system authoring method - by assigning one knowledge cell corresponding to each interactive cell formed during transaction of interactive format

INVENTOR: CORELLA, F; KIM, M Y

PRIORITY-DATA: 1995US-0371903 (January 12, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 08320793 A</u>	December 3, 1996		034	G06F009/44
<u>JP 3084224 B2</u>	September 4, 2000		034	G06F009/44
<u>US 5835683 A</u>	November 10, 1998		000	G06F017/00

INT-CL (IPC): G06 F 9/44; G06 F 17/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMC	Draw D
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Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

Terms

(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056  
5,799,292 5,696,885).pn.

Documents

16

Display Format: -

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## Hit List

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Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 34 of 34 returned.

☐ 1. Document ID: US 5673369 A

Using default format because multiple data bases are involved.

L4: Entry 1 of 34

File: USPT

Sep 30, 1997

US-PAT-NO: 5673369

DOCUMENT-IDENTIFIER: US 5673369 A

TITLE: Authoring knowledge-based systems using interactive directed graphs

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Michelle Yoonkyung	Scarsdale	NY		

US-CL-CURRENT: 706/59; 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 5644686 A

L4: Entry 2 of 34

File: USPT

Jul 1, 1997

US-PAT-NO: 5644686

DOCUMENT-IDENTIFIER: US 5644686 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

DATE-ISSUED: July 1, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Burlington	VT		

US-CL-CURRENT: 706/45; 706/53; 706/61; 715/501.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMC	Drawings
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☐ 3. Document ID: US 5577186 A

L4: Entry 3 of 34

File: USPT

Nov 19, 1996

US-PAT-NO: 5577186

DOCUMENT-IDENTIFIER: US 5577186 A

TITLE: Apparatus and method for providing a generic computerized multimedia tutorial interface for training a user on multiple applications

DATE-ISSUED: November 19, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mann, II; S. Edward	San Antonio	TX	78230	
Milliot; Frederic	Paris			FR

US-CL-CURRENT: 715/500.1; 345/781

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 4. Document ID: US 5576844 A

L4: Entry 4 of 34

File: USPT

Nov 19, 1996

US-PAT-NO: 5576844

DOCUMENT-IDENTIFIER: US 5576844 A

TITLE: Computer controlled video interactive learning system

DATE-ISSUED: November 19, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Ronald K.	Aloha	OR		
Benson; Duane F.	Canby	OR		
Crock; Michael K.	Lake Oswego	OR		
Hack; Bruine R.	Wilsonville	OR		
Howard; James E.	Portland	OR		
McKaig; Ray S.	Boulder Creek	CA		
Peers; John	West Linn	OR		

US-CL-CURRENT: 386/52; 386/96

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 5. Document ID: US 5539869 A

L4: Entry 5 of 34

File: USPT

Jul 23, 1996

US-PAT-NO: 5539869

DOCUMENT-IDENTIFIER: US 5539869 A

TITLE: Method and system for processing and presenting on-line, multimedia information in a tree structure

DATE-ISSUED: July 23, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spoto; Thomas A.	Birmingham	MI		
Higashide; Hiroshi	Ishikawa Prefecture			JP
Rankin, II; James S.	Farmington Hills	MI		

US-CL-CURRENT: 715/500.1; 345/707, 345/781, 345/839, 345/841, 345/853, 345/967,  
701/29, 717/106, 717/125, 717/132

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 6. Document ID: US 5441415 A

L4: Entry 6 of 34

File: USPT

Aug 15, 1995

US-PAT-NO: 5441415

DOCUMENT-IDENTIFIER: US 5441415 A

TITLE: Interactive computer aided natural learning method and apparatus

DATE-ISSUED: August 15, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; John R.	New Orleans	LA	70115	
Alvandia; John	Metairie	LA		

US-CL-CURRENT: 434/350; 434/118, 434/323, 434/362, 706/927

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 7. Document ID: US 5359701 A

L4: Entry 7 of 34

File: USPT

Oct 25, 1994

US-PAT-NO: 5359701

DOCUMENT-IDENTIFIER: US 5359701 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Expert system development support system and expert system environment utilizing a frame processing technique

DATE-ISSUED: October 25, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukui; Chihiro	Hitachi			JP
Watanabe; Dai	Hitachi			JP
Kudo; Hiroyuki	Hitachi			JP
Amano; Masahiko	Santa Clara	CA		
Harada; Yasushi	Hitachi			JP

US-CL-CURRENT: 706/53; 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 8. Document ID: US 5344326 A

L4: Entry 8 of 34

File: USPT

Sep 6, 1994

US-PAT-NO: 5344326

DOCUMENT-IDENTIFIER: US 5344326 A

TITLE: Teaching method and system

DATE-ISSUED: September 6, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ferris; Maxime	Waterloo			CA

US-CL-CURRENT: 434/336; 273/429, 434/327, 434/350, 434/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 9. Document ID: US 5333237 A

L4: Entry 9 of 34

File: USPT

Jul 26, 1994

US-PAT-NO: 5333237

DOCUMENT-IDENTIFIER: US 5333237 A

TITLE: Hypermedia structured knowledge base system

DATE-ISSUED: July 26, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stefanopoulos; Arthur C.	Portsmouth	RI		
Morales; Juan	Bristol	RI		
Mansfield; Richard J. W.	Cambridge	MA		

US-CL-CURRENT: 706/11; 706/45, 706/60, 706/934, 715/501.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 10. Document ID: US 5311422 A

L4: Entry 10 of 34

File: USPT

May 10, 1994

US-PAT-NO: 5311422

DOCUMENT-IDENTIFIER: US 5311422 A

TITLE: General purpose architecture for intelligent computer-aided training

DATE-ISSUED: May 10, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loftin; R. Bowen	Houston	TX		
Wang; Lui	Friendswood	TX		
Baffes; Paul T.	Houston	TX		
Hua; Grace C.	Webster	TX		

US-CL-CURRENT: 703/2; 703/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 11. Document ID: US 5295230 A

L4: Entry 11 of 34

File: USPT

Mar 15, 1994

US-PAT-NO: 5295230

DOCUMENT-IDENTIFIER: US 5295230 A

TITLE: Knowledge representation for expert system

DATE-ISSUED: March 15, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kung; Ching Y.	Fort Lauderdale	FL		

US-CL-CURRENT: 706/59; 706/11, 706/911

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 12. Document ID: US 5267685 A

L4: Entry 12 of 34

File: USPT

Dec 7, 1993

US-PAT-NO: 5267685

DOCUMENT-IDENTIFIER: US 5267685 A

TITLE: Stackability of hollow products with conically contoured sidewalls having longitudinal folds

DATE-ISSUED: December 7, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sorensen; Jens O.	Rancho Santa Fe	CA		

US-CL-CURRENT: 206/503; 215/10, 220/673, 229/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 13. Document ID: US 5257185 A

L4: Entry 13 of 34

File: USPT

Oct 26, 1993

US-PAT-NO: 5257185

DOCUMENT-IDENTIFIER: US 5257185 A

TITLE: Interactive, cross-referenced knowledge system

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Farley; Ann W.	West Hartford	CT	06107	
Waggoner; Clifford I.	East Granby	CT		
Dutton; James W.	West Hartford	CT		
Allabaugh; David C.	East Granby	CT		

US-CL-CURRENT: 707/100; 706/50, 706/59, 715/533

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 14. Document ID: US 5211563 A

L4: Entry 14 of 34

File: USPT

May 18, 1993

US-PAT-NO: 5211563

DOCUMENT-IDENTIFIER: US 5211563 A

TITLE: Computer assisted learning support system and processing method therefor

DATE-ISSUED: May 18, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Haga; Hirohide	Kyoto			JP
Kojima; Hiroyuki	Nishinomiya			JP

Yamada; Takaaki

Osaka

JP

US-CL-CURRENT: 434/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 15. Document ID: US 5208745 A

L4: Entry 15 of 34

File: USPT

May 4, 1993

US-PAT-NO: 5208745

DOCUMENT-IDENTIFIER: US 5208745 A

TITLE: Multimedia interface and method for computer system

DATE-ISSUED: May 4, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Quentin; George H.	San Jose	CA		
Isle; Brian A.	Isanti	MN		
Bloom; Charles P.	Eagan	MN		
Butler; Arch W.	Minneapolis	MN		
Spoor; David	Eden Prairie	MN		
Wunderlin; David J.	New Hope	MN		
Bedros; Renee	West Saint Paul	MN		
Campos; Francis M.	Sausalito	CA		
Sweet; Stephen R.	Sonoma	CA		

US-CL-CURRENT: 700/83; 345/978, 706/10, 706/11, 706/45, 706/911, 715/500.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 16. Document ID: US 5127005 A

L4: Entry 16 of 34

File: USPT

Jun 30, 1992

US-PAT-NO: 5127005

DOCUMENT-IDENTIFIER: US 5127005 A

TITLE: Fault diagnosis expert system

DATE-ISSUED: June 30, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oda; Toshihiko	Sagamihara			JP
Katoh; Eiichi	Yokohama			JP

US-CL-CURRENT: 714/26; 706/916, 714/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 17. Document ID: US 5107497 A

L4: Entry 17 of 34

File: USPT

Apr 21, 1992

US-PAT-NO: 5107497

DOCUMENT-IDENTIFIER: US 5107497 A

TITLE: Technique for producing an expert system for system fault diagnosis

DATE-ISSUED: April 21, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lirov; Yuval V.	Aberdeen	NJ		
Yue; On C.	Middletown	NJ		

US-CL-CURRENT: 714/26; 706/59, 706/911

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 18. Document ID: US 5644686 A

L4: Entry 18 of 34

File: DWPI

Jul 1, 1997

DERWENT-ACC-NO: 1997-350562

DERWENT-WEEK: 200028

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TITLE: Domain independent expert system for multimedia hypermedia - processes inferentially within hierarchically-structured knowledge base and assesses non-inferential information within one or more associated utilities

INVENTOR: HEKMATPOUR, A

PRIORITY-DATA: 1994US-0235301 (April 29, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5644686 A</u>	July 1, 1997		047	G06F017/00

INT-CL (IPC): G06 F 17/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 19. Document ID: US 5577186 A, EP 938697 A1, WO 9822865 A1, AU 9710772 A

L4: Entry 19 of 34

File: DWPI

Nov 19, 1996



DERWENT-ACC-NO: 1997-011625

DERWENT-WEEK: 199940

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TITLE: Computerised, multimedia tutorial interface system for training user to use computer application software - demonstrates exact sequence of instructions discussed in video clip, provides written instructions and gives user opportunity to execute same functions as executed by system and monitors progress that user is making in training

INVENTOR: MANN, S E; MILLIOT, F

PRIORITY-DATA: 1994US-0283618 (August 1, 1994), 1995US-0541221 (October 12, 1995), 1996WO-US18477 (November 18, 1996), 1997AU-0010772 (November 18, 1996), 1996EP-0940804 (November 18, 1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5577186 A	November 19, 1996		013	G06F009/455
EP 938697 A1	September 1, 1999	E	000	G06F003/00
WO 9822865 A1	May 28, 1998	E	000	G06F003/00
AU 9710772 A	June 10, 1998		000	G06F003/00

INT-CL (IPC): G06 F 3/00; G06 F 7/00; G06 F 9/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 20. Document ID: JP 08278892 A, US 5673369 A

L4: Entry 20 of 34

File: DWPI

Oct 22, 1996

DERWENT-ACC-NO: 1997-008808

DERWENT-WEEK: 199745

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TITLE: Computer system for multimedia - generates application in knowledge base shown to service user during execution of each question node and reply node corresp. to transmitted data

INVENTOR: KIM, M Y

PRIORITY-DATA: 1995US-0396823 (March 2, 1995)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08278892 A	October 22, 1996		022	G06F009/44
US 5673369 A	September 30, 1997		025	G06F017/00

INT-CL (IPC): G06 F 9/44; G06 F 17/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 21. Document ID: WO 9608108 A1, US 5576844 A, AU 9535092 A

L4: Entry 21 of 34

File: DWPI

Mar 14, 1996

DERWENT-ACC-NO: 1996-171876

DERWENT-WEEK: 199701

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TITLE: Computer controlled video interactive learning system with editing and viewing systems - uses interactive instructional video tape which contains video segments on stereo-video portion contg. live-motion video images for presentation of lesson

INVENTOR: ANDERSON, R K; BENSON, D F ; CROCK, M K ; HACK, B R ; HOWARD, J E ; MCKAIG, R S ; PEERS, J

PRIORITY-DATA: 1994US-0300990 (September 6, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9608108 A1</u>	March 14, 1996	E	000	H04N005/76
<u>US 5576844 A</u>	November 19, 1996		059	H04N005/91
<u>AU 9535092 A</u>	March 27, 1996		000	H04N005/76

INT-CL (IPC): G11 B 27/02; H04 N 5/76; H04 N 5/91; H04 N 9/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 22. Document ID: US 5441415 A

L4: Entry 22 of 34

File: DWPI

Aug 15, 1995

DERWENT-ACC-NO: 1995-292318

DERWENT-WEEK: 199838

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TITLE: Interactive computer aided educational method - using interactive audio-visual system with work-station to present lesson using number of styles and stimuli, to provide number of questions based on lesson, and to present next lessons based on answers to questions

INVENTOR: ALVENDIA, J; LEE, J R

PRIORITY-DATA: 1993US-0161511 (December 6, 1993), 1992US-0833905 (February 11, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5441415 A</u>	August 15, 1995		012	G09B003/00

INT-CL (IPC): G09 B 3/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 23. Document ID: US 5333237 A

L4: Entry 23 of 34

File: DWPI

Jul 26, 1994

DERWENT-ACC-NO: 1994-241241

DERWENT-WEEK: 199429

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TITLE: Hyper-media structured knowledge base system - has hyper-media interface including links between electronic documents with at least one selectable area is linked according to predetermined associative links to at least one other electronic document

INVENTOR: MANSFIELD, R J W; MORALES, J ; STEFANOPOULOS, A C

PRIORITY-DATA: 1989US-0419353 (October 10, 1989), 1991US-0780568 (October 21, 1991), 1992US-0896805 (June 8, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5333237 A	July 26, 1994		000	G06F015/46

INT-CL (IPC): G06F 15/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 24. Document ID: GB 2271005 A, US 5539869 A, DE 4332193 A1, CA 2100510 A

L4: Entry 24 of 34

File: DWPI

Mar 30, 1994

DERWENT-ACC-NO: 1994-085687

DERWENT-WEEK: 199635

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TITLE: Multi-media information presentation in tree structure using expert system - using multi-media information devices for providing corresp. display for user of system

INVENTOR: HIGASHIDE, H; RANKIN, J S ; SPOTO, T A

PRIORITY-DATA: 1992US-0953034 (September 28, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
GB 2271005 A	March 30, 1994		034	G06F015/40
US 5539869 A	July 23, 1996		018	G06T001/00
DE 4332193 A1	March 31, 1994		023	G06F003/00
CA 2100510 A	March 29, 1994		000	C07C309/31

INT-CL (IPC): B21C 51/00; B23Q 11/00; C07C 39/235; C07C 65/10; C07C 309/31; G06F 3/00; G06F 3/14; G06F 15/40; G06T 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 25. Document ID: US 5295230 A

L4: Entry 25 of 34

File: DWPI

Mar 15, 1994

DERWENT-ACC-NO: 1994-091824

DERWENT-WEEK: 199411

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TITLE: Expert system for providing diagnostics to data communications network -  
interfaces to or forms part of data communication management system which automates  
network alarm handling

INVENTOR: KUNG, C Y

PRIORITY-DATA: 1989US-0447485 (December 6, 1989), 1991US-0802113 (December 4, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5295230 A</u>	March 15, 1994		065	G06F015/18

INT-CL (IPC): G06F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWC	Draw. De
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☐ 26. Document ID: US 5267685 A, DE 69402349 E, EP 612665 A1, JP 07002251 A, EP 612665 B1

L4: Entry 26 of 34

File: DWPI

Dec 7, 1993

DERWENT-ACC-NO: 1993-403695

DERWENT-WEEK: 199724

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TITLE: Hollow stackable product - includes section of conically contoured sidewall  
having number of longitudinal folds of alternating ridges and furrows

INVENTOR: SORENSEN, J O

PRIORITY-DATA: 1993US-0022141 (February 25, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5267685 A</u>	December 7, 1993		005	B65D003/04
<u>DE 69402349 E</u>	May 7, 1997		000	B65D021/02
<u>EP 612665 A1</u>	August 31, 1994	E	006	B65D021/02
<u>JP 07002251 A</u>	January 6, 1995		004	B65D021/02
<u>EP 612665 B1</u>	April 2, 1997	E	007	B65D021/02

INT-CL (IPC): B65 D 1/26; B65 D 3/04; B65 D 21/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWC	Draw. De
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☐ 27. Document ID: US 5257185 A

L4: Entry 27 of 34

File: DWPI

Oct 26, 1993

DERWENT-ACC-NO: 1993-351107

DERWENT-WEEK: 199344

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TITLE: Interactive, cross-referenced knowledge system e.g. for checking equipment, or supporting user in learning, information retrieval or problem solving - enables user to control navigation path and information display sequence among reference-able information units in accordance with personal learning needs and style

INVENTOR: ALLABAUGH, D C; DUTTON, J W ; FARLEY, A W ; WAGGONER, C I

PRIORITY-DATA: 1990US-0526398 (May 21, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5257185 A	October 26, 1993		075	G06F015/18

INT-CL (IPC): G06F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw D
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☐ 28. Document ID: JP 3451630 B2, US 5211563 A

L4: Entry 28 of 34

File: DWPI

Sep 29, 2003

DERWENT-ACC-NO: 1993-175226

DERWENT-WEEK: 200364

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TITLE: Computer assisted learning support system for monitoring individual progress - includes memory for teaching material with identifiers and link information, display and input device to select block of material

INVENTOR: HAGA, H; KOJIMA, H ; YAMADA, T

PRIORITY-DATA: 1991JP-0162622 (July 3, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 3451630 B2	September 29, 2003		016	G09B005/02
US 5211563 A	May 18, 1993		029	G09B003/00

INT-CL (IPC): G06F 17/60; G09B 3/00; G09B 5/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw D
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☐ 29. Document ID: CA 2044929 A, CA 2044929 C, US 5344326 A

L4: Entry 29 of 34

File: DWPI

Dec 19, 1992

DERWENT-ACC-NO: 1993-076974

DERWENT-WEEK: 199807

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TITLE: Computerised teaching system for several students - uses single CPU, response buttons and feedback devices for fully-automatic lesson management

INVENTOR: FERRIS, M

PRIORITY-DATA: 1991CA-2044929 (June 18, 1991), 1992US-0898276 (June 15, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>CA 2044929 A</u>	December 19, 1992		051	G09B007/00
<u>CA 2044929 C</u>	November 18, 1997		000	G09B007/00
<u>US 5344326 A</u>	September 6, 1994		027	G09B007/00

INT-CL (IPC): G09B 5/00; G09B 7/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 30. Document ID: US 5127005 A, JP 3224226 B2

L4: Entry 30 of 34

File: DWPI

Jun 30, 1992

DERWENT-ACC-NO: 1992-242190

DERWENT-WEEK: 200171

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TITLE: Fault diagnosis expert system for artificial intelligence system - stores expert knowledge constructed in hierarchical search tree structure with cause-to-effect links

INVENTOR: KATO, E; ODA, T

PRIORITY-DATA: 1989JP-0244922 (September 22, 1989)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 5127005 A</u>	June 30, 1992		025	G06F011/00
<u>JP 3224226 B2</u>	October 29, 2001		013	G06F009/44

INT-CL (IPC): G01R 31/28; G06F 9/44; G06F 11/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 31. Document ID: EP 460867 A, EP 460867 A3, US 5208745 A

L4: Entry 31 of 34

File: DWPI

Dec 11, 1991

DERWENT-ACC-NO: 1991-363328

DERWENT-WEEK: 199150

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TITLE: Multi-media interface for computer system - includes two displays and data processing units, and operates in parallel with another application software module such as an expert system

INVENTOR: BEDROS, R; BLOOM, C P ; BUTLER, A W ; CAMPOS, F M ; ISLE, B A ; QUENTIN, G H ; SPOOR, D ; SWEET, S R ; WUNDERLIN, D J

PRIORITY-DATA: 1990US-0532596 (June 4, 1990), 1988US-0223499 (July 25, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 460867 A</u>	December 11, 1991		000	
<u>EP 460867 A3</u>	June 10, 1992		000	
<u>US 5208745 A</u>	May 4, 1993		026	G06F015/46

INT-CL (IPC): G06F 11/30; G06F 15/40; G06F 15/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWC	Draw D
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☐ 32. Document ID: EP 451860 A, KR 185405 B1, CA 2040301 A, CN 1056011 A, US 5228117 A, EP 451860 A3, CN 1074301 A, US 5359701 A, US 5506938 A, CA 2040301 C, EP 451860 B1, DE 69131671 E

L4: Entry 32 of 34

File: DWPI

Oct 16, 1991

DERWENT-ACC-NO: 1991-304893

DERWENT-WEEK: 200053

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TITLE: Expert system development support and expert system - determined content of frames of upper knowledge description layers w.r.t. lower layer frames

INVENTOR: AMANO, M; FUKUI, C ; HARADA, Y ; KUDO, H ; WATANABE, D ; KUDO, M ; DAI, W

PRIORITY-DATA: 1990JP-0096924 (April 12, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 451860 A</u>	October 16, 1991		000	
<u>KR 185405 B1</u>	May 15, 1999		000	G06F015/18
<u>CA 2040301 A</u>	October 13, 1991		000	
<u>CN 1056011 A</u>	November 6, 1991		000	G06F015/20
<u>US 5228117 A</u>	July 13, 1993		040	G06F015/18
<u>EP 451860 A3</u>	May 19, 1993		000	
<u>CN 1074301 A</u>	July 14, 1993		000	G06F015/40
<u>US 5359701 A</u>	October 25, 1994		042	G06F015/18
<u>US 5506938 A</u>	April 9, 1996		040	G06F015/18
<u>CA 2040301 C</u>	January 5, 1999		000	G06F015/18
<u>EP 451860 B1</u>	October 6, 1999	E	000	G06F009/44
<u>DE 69131671 E</u>	November 11, 1999		000	G06F009/44

INT-CL (IPC): G06F 9/44; G06F 15/18; G06F 15/20; G06F 15/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 33. Document ID: US N7545235 N, US 5311422 A

L4: Entry 33 of 34

File: DWPI

Aug 20, 1991

DERWENT-ACC-NO: 1991-288282

DERWENT-WEEK: 200317

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TITLE: Intelligent computer-aided training system - has general modular architecture for use in wide variety of training task and environments

INVENTOR: BAFFES, P T; HUA, G C ; LOFTIN, R B ; WANG, L ; BAFFES, P

PRIORITY-DATA: 1990US-0545235 (June 28, 1990)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US N7545235 N</u>	August 20, 1991		000	
<u>US 5311422 A</u>	May 10, 1994		056	G06F015/52

INT-CL (IPC): G06F 0/01; G06F 15/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 34. Document ID: EP 410632 A, CA 2017970 A, CA 2017970 C, DE 69017785 E, EP 410632 B1, ES 2069013 T3, KR 9304437 B1, US 5107497 A

L4: Entry 34 of 34

File: DWPI

Jan 30, 1991

DERWENT-ACC-NO: 1991-031011

DERWENT-WEEK: 199105

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TITLE: Expert fault diagnosis system - divides unit into serial or parallel subsystems, and uses optimal search by finding best moves for expansion

INVENTOR: LIROV, Y V; YUE, O ; YUE, O C

PRIORITY-DATA: 1989US-0386325 (July 28, 1989)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 410632 A</u>	January 30, 1991		012	
<u>CA 2017970 A</u>	January 28, 1991		000	
<u>CA 2017970 C</u>	May 24, 1994		000	G06F011/34
<u>DE 69017785 E</u>	April 20, 1995		000	G06F011/22
<u>EP 410632 B1</u>	March 15, 1995	E	012	G06F011/22
<u>ES 2069013 T3</u>	May 1, 1995		000	G06F011/22



KR 9304437 B1 May 27, 1993 000 G06F015/18  
US 5107497 A April 21, 1992 007

INT-CL (IPC): G01R 31/28; G06F 9/44; G06F 11/00; G06F 11/22; G06F 11/34; G06F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34

Display Format:

[Previous Page](#)    [Next Page](#)    [Go to Doc#](#)

## Refine Search

### Search Results -

Terms	Documents
(5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, January 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>		
L4   (5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34	L4
L3   (6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	L3
L2   6,026,433.pn.	2	L2
L1   5,546,507.pn.	2	L1

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
(5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, January 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u> side by side	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>		
<u>L5</u> (5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20	<u>L5</u>
<u>L4</u> (5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34	<u>L4</u>
<u>L3</u> (6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	<u>L3</u>
<u>L2</u> 6,026,433.pn.	2	<u>L2</u>
<u>L1</u> 5,546,507.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

**Search Results - Record(s) 1 through 20 of 20 returned.**

☐ 1. Document ID: US 5103498 A

**Using default format because multiple data bases are involved.**

L5: Entry 1 of 20

File: USPT

Apr 7, 1992

US-PAT-NO: 5103498

DOCUMENT-IDENTIFIER: US 5103498 A

TITLE: Intelligent help system

DATE-ISSUED: April 7, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lanier; Charles D.	Grapevine	TX		
Wolf; Richard J.	Crowley	TX		
Villegas; Leticia	West Lafayette	IN		

US-CL-CURRENT: 706/58; 706/11, 706/911, 706/927

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequence</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Drawings</a>
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☐ 2. Document ID: US 4964125 A

L5: Entry 2 of 20

File: USPT

Oct 16, 1990

US-PAT-NO: 4964125

DOCUMENT-IDENTIFIER: US 4964125 A

TITLE: Method and apparatus for diagnosing faults

DATE-ISSUED: October 16, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Sachol E.	Yorba Linda	CA		

US-CL-CURRENT: 714/26; 706/49, 706/911, 706/916

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequence</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KIMC</a>	<a href="#">Drawings</a>
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☐ 3. Document ID: US 4945476 A

L5: Entry 3 of 20

File: USPT

Jul 31, 1990

US-PAT-NO: 4945476

DOCUMENT-IDENTIFIER: US 4945476 A

TITLE: Interactive system and method for creating and editing a knowledge base for use as a computerized aid to the cognitive process of diagnosis

DATE-ISSUED: July 31, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bodick; Neil	Philadelphia	PA		
Marquis; Andre L.	Devon	PA		

US-CL-CURRENT: 600/301; 128/923, 706/11, 706/59, 706/60, 706/924

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 4920499 A

L5: Entry 4 of 20

File: USPT

Apr 24, 1990

US-PAT-NO: 4920499

DOCUMENT-IDENTIFIER: US 4920499 A

TITLE: Expert system with natural-language rule updating

DATE-ISSUED: April 24, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Skeirik; Richard D.	Newark	DE		

US-CL-CURRENT: 706/11; 706/10, 706/906, 706/914

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 4847784 A

L5: Entry 5 of 20

File: USPT

Jul 11, 1989

US-PAT-NO: 4847784

DOCUMENT-IDENTIFIER: US 4847784 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Knowledge based tutor

DATE-ISSUED: July 11, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Clancey; William J.	Portola Valley	CA		

US-CL-CURRENT: 706/50; 706/46, 706/903, 706/911, 706/916, 706/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 4803641 A

L5: Entry 6 of 20

File: USPT

Feb 7, 1989

US-PAT-NO: 4803641

DOCUMENT-IDENTIFIER: US 4803641 A

TITLE: Basic expert system tool

DATE-ISSUED: February 7, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Steven	Palo Alto	CA		
Joyce; Robert H.	San Jose	CA		

US-CL-CURRENT: 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 7. Document ID: US 4764867 A

L5: Entry 7 of 20

File: USPT

Aug 16, 1988

US-PAT-NO: 4764867

DOCUMENT-IDENTIFIER: US 4764867 A

TITLE: Display system and method for constructing and editing a hierarchical arrangement of information

DATE-ISSUED: August 16, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hess; Kenneth L.	Fremont	CA		

US-CL-CURRENT: 345/853

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 8. Document ID: US 4733354 A

L5: Entry 8 of 20

File: USPT

Mar 22, 1988

US-PAT-NO: 4733354

DOCUMENT-IDENTIFIER: US 4733354 A

TITLE: Method and apparatus for automated medical diagnosis using decision tree analysis

DATE-ISSUED: March 22, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Potter; Brian	Michigan City	IN	46360	
Potter; Michael C.	Spring Valley	CA		

US-CL-CURRENT: 600/300; 128/924, 600/562, 706/924

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 9. Document ID: US 4731725 A

L5: Entry 9 of 20

File: USPT

Mar 15, 1988

US-PAT-NO: 4731725

DOCUMENT-IDENTIFIER: US 4731725 A

TITLE: Data processing system which suggests a pattern of medical tests to reduce the number of tests necessary to confirm or deny a diagnosis

DATE-ISSUED: March 15, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Suto; Yasuzo	Tochigi			JP
Saito; Katsuyoshi	Ootawara			JP
Sato; Kenichi	Kawasaki			JP

US-CL-CURRENT: 706/46; 128/923, 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 10. Document ID: US 4658370 A

L5: Entry 10 of 20

File: USPT

Apr 14, 1987

US-PAT-NO: 4658370

DOCUMENT-IDENTIFIER: US 4658370 A

TITLE: Knowledge engineering tool

DATE-ISSUED: April 14, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erman; Lee D.	Palo Alto	CA		
Clancey; William J.	Palo Alto	CA		
London; Philip E.	Cupertino	CA		
Scott; A. Carlisle	Palo Alto	CA		
Bennett; James S.	Palo Alto	CA		
Lark; Jay S.	Palo Alto	CA		

US-CL-CURRENT: 706/60; 706/11, 706/47, 706/48, 706/50, 706/52, 706/903

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 11. Document ID: WO 9202880 A, US 37431 E, US 5103498 A, AU 9184019 A, EP 541712 A1, SG 48223 A1, EP 541712 B1, DE 69130766 E

L5: Entry 11 of 20

File: DWPI

Feb 20, 1992

DERWENT-ACC-NO: 1992-080264

DERWENT-WEEK: 200172

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TITLE: Intelligent help method for computers - monitoring and storing user directed activities in knowledge base and using information to isolate specific kind

INVENTOR: LANIER, C D; VILLEGAS, L ; WOLF, R J

PRIORITY-DATA: 1990US-0562046 (August 2, 1990), 1994US-0223620 (April 6, 1994), 1996US-0724947 (October 2, 1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9202880 A</u>	February 20, 1992		000	
<u>US 37431 E</u>	October 30, 2001		000	G06F015/00
<u>US 5103498 A</u>	April 7, 1992		023	
<u>AU 9184019 A</u>	March 2, 1992		000	G06F015/00
<u>EP 541712 A1</u>	May 19, 1993	E	000	G06F015/00
<u>SG 48223 A1</u>	April 17, 1998		000	G06F015/00
<u>EP 541712 B1</u>	January 13, 1999	E	000	G06F015/00
<u>DE 69130766 E</u>	February 25, 1999		000	G06F015/00

INT-CL (IPC): G06 F 9/44; G06 F 15/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 12. Document ID: WO 9002375 A, DE 68929289 E, AU 8942007 A, EP 389595 A, US



4964125 A, KR 9401445 B1, EP 389595 B1

L5: Entry 12 of 20

File: DWPI

Mar 8, 1990

DERWENT-ACC-NO: 1990-099547

DERWENT-WEEK: 200137

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TITLE: Expert system for diagnosing faults in equipment - has inference engine which generates symptom diagnostic role for input fault symptoms

INVENTOR: KIM, S E

PRIORITY-DATA: 1988US-0234434 (August 19, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9002375 A</u>	March 8, 1990	E	038	
<u>DE 68929289 E</u>	May 23, 2001		000	G06F011/22
<u>AU 8942007 A</u>	March 23, 1990		000	
<u>EP 389595 A</u>	October 3, 1990		000	
<u>US 4964125 A</u>	October 16, 1990		000	
<u>KR 9401445 B1</u>	February 23, 1994		000	G06F011/22
<u>EP 389595 B1</u>	April 18, 2001	E	000	G06F011/22

INT-CL (IPC): G06 F 9/44; G06 F 11/22; G06 F 15/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 13. Document ID: EP 332322 A, US 4945476 A

L5: Entry 13 of 20

File: DWPI

Sep 13, 1989

DERWENT-ACC-NO: 1989-265541

DERWENT-WEEK: 198937

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TITLE: Data creating, storage and processing system - contains textual, pictorial and quantitative information and is internally consistent and easily accessed

INVENTOR: BODICK, N; MARQUIS, A L

PRIORITY-DATA: 1988US-0252881 (October 3, 1988), 1988US-0161188 (February 26, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 332322 A</u>	September 13, 1989	E	191	
<u>US 4945476 A</u>	July 31, 1990		000	

INT-CL (IPC): G06F 15/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 14. Document ID: US 4847784 A

L5: Entry 14 of 20

File: DWPI

Jul 11, 1989

DERWENT-ACC-NO: 1989-255961

DERWENT-WEEK: 198935

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TITLE: Intelligent knowledge based computer tutor - has knowledge based interpreter knowledge base and interruption device

INVENTOR: CLANCEY, W J

PRIORITY-DATA: 1987US-0072591 (July 13, 1987)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4847784 A	July 11, 1989		054	

INT-CL (IPC): G06F 15/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 15. Document ID: WO 8903092 A, DE 3856379 G, AU 8826067 A, EP 335957 A, BR 8807224 A, US 4884217 A, US 4907167 A, US 4910691 A, US 4920499 A, JP 02501420 W, US 4965742 A, US 5006992 A, CA 1297558 C, CA 1297559 C, CA 1297560 C, CA 1297561 C, CA 1309182 C, CA 1310424 C, EP 335957 B1.

L5: Entry 15 of 20

File: DWPI

Apr 6, 1989

DERWENT-ACC-NO: 1989-114533

DERWENT-WEEK: 200006

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TITLE: Expert system with process control - has collection of interference rules presented in constrained formats for user comprehension

INVENTOR: SKEIRIK, R D; DECARIA, F O ; DE CARIA, F O ; CARIA, F O ; SKEIRIK, R

PRIORITY-DATA: 1987US-0103124 (September 30, 1987), 1987US-0102832 (September 30, 1987), 1987US-0103014 (September 30, 1987), 1987US-0103047 (September 30, 1987), 1987US-0103050 (September 30, 1987), 1987US-0103118 (September 30, 1987)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8903092 A	April 6, 1989	E	305	
DE 3856379 G	December 23, 1999		000	G06F009/44
AU 8826067 A	April 18, 1989		000	
EP 335957 A	October 11, 1989	E	000	
BR 8807224 A	October 31, 1989		000	
US 4884217 A	November 28, 1989		091	
US 4907167 A	March 6, 1990		075	
US 4910691 A	March 20, 1990		120	

<u>US 4920499 A</u>	April 24, 1990	089	
<u>JP 02501420 W</u>	May 17, 1990	000	
<u>US 4965742 A</u>	October 23, 1990	092	
<u>US 5006992 A</u>	April 9, 1991	000	
<u>CA 1297558 C</u>	March 17, 1992	000	
<u>CA 1297559 C</u>	March 17, 1992	000	
<u>CA 1297560 C</u>	March 17, 1992	000	
<u>CA 1297561 C</u>	March 17, 1992	000	
<u>CA 1309182 C</u>	October 20, 1992	000	G06F015/46
<u>CA 1310424 C</u>	November 17, 1992	000	G06F015/46
<u>EP 335957 B1</u>	November 17, 1999	000	G06F009/44

1309182 C INT-CL (IPC): G05B 11/32; G05B 13/02; G05B 19/41; G06F 9/44; G06F 15/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 16. Document ID: US 4764867 A

L5: Entry 16 of 20

File: DWPI

Aug 16, 1988

DERWENT-ACC-NO: 1988-249560

DERWENT-WEEK: 198835

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TITLE: Display method for creating hierarchical arrangement of information - programming computer to provide display are where single, superior node can be entered and stored by computer

INVENTOR: HESS, K L

PRIORITY-DATA: 1986US-0870179 (June 3, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 4764867 A</u>	August 16, 1988		070	

INT-CL (IPC): G06F 3/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 17. Document ID: US 4733354 A

L5: Entry 17 of 20

File: DWPI

Mar 22, 1988

DERWENT-ACC-NO: 1988-105339

DERWENT-WEEK: 198815

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Automated medical diagnosis appts. using decision tree analysis - has data base stored in forwardly and backwardly linked hierarchical array of data files

INVENTOR: POTTER, B

PRIORITY-DATA: 1984US-0674130 (November 23, 1984)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 4733354 A</u>	March 22, 1988		026	

INT-CL (IPC): G06F 15/42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 18. Document ID: US 4731725 A

L5: Entry 18 of 20

File: DWPI

Mar 15, 1988

DERWENT-ACC-NO: 1988-098754

DERWENT-WEEK: 198814

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Data processing system which suggests pattern of medical tests - has memory storing decision tree constructed with selected fundamental data according to program in CPU

INVENTOR: SAITO, K; SATO, K ; SUTO, Y

PRIORITY-DATA: 1981JP-0096781 (June 24, 1981)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 4731725 A</u>	March 15, 1988		016	

INT-CL (IPC): G06F 15/42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 19. Document ID: WO 8600156 A, EP 182897 A, JP 61502359 W, US 4658370 A

L5: Entry 19 of 20

File: DWPI

Jan 3, 1986

DERWENT-ACC-NO: 1986-020949

DERWENT-WEEK: 198603

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Knowledge engineering tool for building and interpreting base - has separate portions encoding control knowledge factual knowledge and judgement rules

INVENTOR: BENNETT, J S; CLANCEY, W J ; FERMAN, L D ; LARK, J S ; LONDON, P E ; SCOTT, A C

PRIORITY-DATA: 1984US-0618038 (June 7, 1984)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 8600156 A</u>	January 3, 1986	E	116	

EP 182897 A	June 4, 1986	E	000
JP 61502359 W	October 16, 1986		000
US 4658370 A	April 14, 1987		000

INT-CL (IPC): G06F 7/28; G06F 9/44; G06F 15/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 20. Document ID: WO 8505711 A, EP 182882 A, JP 61502358 W, US 4648044 A, US 4803641 A

L5: Entry 20 of 20

File: DWPI

Dec 19, 1985

DERWENT-ACC-NO: 1986-006954

DERWENT-WEEK: 198601

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TITLE: Knowledge engineering tool for building expert system - includes memory storing base which includes facts, rules, meta=facts and declarations, and base interpreter

INVENTOR: HARDY, S; JOYCE, R H

PRIORITY-DATA: 1984US-0617791 (June 6, 1984), 1987US-0020327 (February 19, 1987)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8505711 A	December 19, 1985	E	137	
EP 182882 A	June 4, 1986	E	000	
JP 61502358 W	October 16, 1986		000	
US 4648044 A	March 3, 1987		000	
US 4803641 A	February 7, 1989		000	

INT-CL (IPC): G06F 7/28; G06F 9/44; G06F 15/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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Terms	Documents
(5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20

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Search Results - Record(s) 1 through 21 of 21 returned.

☐ 1. Document ID: US 20030154177 A1

Using default format because multiple data bases are involved.

L9: Entry 1 of 21

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030154177

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030154177 A1

TITLE: Combined issue identifying analyzer and intelligent report generator

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holland, Paul Edward	Fort Collins	CO	US	
Carr, Adam Michael	Fort Collins	CO	US	
McDowell, Mark William	Fort Collins	CO	US	

US-CL-CURRENT: 706/60; 715/500, 718/106

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20020184177 A1

L9: Entry 2 of 21

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020184177

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020184177 A1

TITLE: Device for finding the triggers of paroxysmally occurring illnesses

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abraham-Fuchs, Klaus	Erlangen	PA	DE	
Rumpel, Eva	Erlangen		DE	
Schmidt, Kai-Uwe	Paoli		US	

US-CL-CURRENT: 706/47; 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20020169739 A1

L9: Entry 3 of 21

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169739

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169739 A1

TITLE: Method and apparatus for composite analysis using hierarchically organized directives

PUBLICATION-DATE: November 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Carr, Adam Michael	Fort Collins	CO	US	
Holland, Paul Edward	Fort Collins	CO	US	
McDowell, Mark William	Fort Collins	CO	US	

US-CL-CURRENT: 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20020169738 A1

L9: Entry 4 of 21

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169738

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169738 A1

TITLE: Method and system for auditing an enterprise configuration

PUBLICATION-DATE: November 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Giel, Peter Van	Mesnil-Saint-Blaise	GA	BE	
Brandon, Michael Joseph	Marietta	GA	US	
Wedlake, William Paul	Suwanee	CO	US	
Put, Peter A.	St. Albert	CO	CA	
Carr, Adam Michael	Fort Collins	CO	US	
Holland, Paul Edward	Fort Collins		US	
McDowell, Mark W.	Fort Collins		US	

US-CL-CURRENT: 706/60; 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 5. Document ID: US 6549893 B1

L9: Entry 5 of 21

File: USPT

Apr 15, 2003

US-PAT-NO: 6549893

DOCUMENT-IDENTIFIER: US 6549893 B1

TITLE: System, method and article of manufacture for a goal based system utilizing a time based model

DATE-ISSUED: April 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Gobran; Timothy John	Natick	MA		
Smith; Karen Therese	Chicago	IL		
Willow; Michael James	Wheeling	IL		
Conant; Jonathan Christian	Worcester	MA		
Murphy; Scott Michael	Stratford	CT		

US-CL-CURRENT: 706/60; 705/7, 705/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 6535861 B1

L9: Entry 6 of 21

File: USPT

Mar 18, 2003

US-PAT-NO: 6535861

DOCUMENT-IDENTIFIER: US 6535861 B1

TITLE: Goal based educational system with support for dynamic characteristics tuning using a spread sheet object

DATE-ISSUED: March 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/11; 434/107, 434/322, 434/327, 706/45, 706/46, 706/47, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 7. Document ID: US 6493690 B2

L9: Entry 7 of 21

File: USPT

Dec 10, 2002

US-PAT-NO: 6493690

DOCUMENT-IDENTIFIER: US 6493690 B2

TITLE: Goal based educational system with personalized coaching

DATE-ISSUED: December 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/25, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 6374261 B1

L9: Entry 8 of 21

File: USPT

Apr 16, 2002

US-PAT-NO: 6374261

DOCUMENT-IDENTIFIER: US 6374261 B1

TITLE: Expert system knowledge-deficiency reduction through automated database updates from semi-structured natural language documents

DATE-ISSUED: April 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alvarez; Miguel O.	Erie	CO		
Prabhakar; Gokul Chander	Northglenn	CO		

US-CL-CURRENT: 707/200; 706/45, 706/50, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: US 6125358 A

L9: Entry 9 of 21

File: USPT

Sep 26, 2000

US-PAT-NO: 6125358

DOCUMENT-IDENTIFIER: US 6125358 A

TITLE: System, method and article of manufacture for a simulation system for goal based education of a plurality of students

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hubbell; John Reader	Evanston	IL		
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: [706/11](#); [434/307R](#), [434/322](#), [706/46](#), [706/47](#), [706/60](#), [706/925](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: US 6086617 A

L9: Entry 10 of 21

File: USPT

Jul 11, 2000

US-PAT-NO: 6086617

DOCUMENT-IDENTIFIER: US 6086617 A

TITLE: User directed heuristic design optimization search

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waldon; Scott	Wake Forest	NC		
Powell; Dave	Chapel Hill	NC		
Tong; Siu	Apex	NC		

US-CL-CURRENT: [703/2](#); [706/46](#), [706/60](#), [706/902](#), [706/920](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 11. Document ID: US 6064998 A

L9: Entry 11 of 21

File: USPT

May 16, 2000

US-PAT-NO: 6064998

DOCUMENT-IDENTIFIER: US 6064998 A

TITLE: System, method and article of manufacture for a simulation engine with an expert system example processing engine

DATE-ISSUED: May 16, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zabloudil; Maureen Therese	Chicago	IL		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: [706/45](#); [434/307R](#), [434/322](#), [706/46](#), [706/47](#), [706/60](#), [706/925](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 12. Document ID: US 6058387 A

L9: Entry 12 of 21

File: USPT

May 2, 2000

US-PAT-NO: 6058387

DOCUMENT-IDENTIFIER: US 6058387 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Dynamic information architecture system and method

DATE-ISSUED: May 2, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Campbell; Allan P.	Wheaton	IL		
Christiansen; John H.	Warrenville	IL		

US-CL-CURRENT: 706/60; 706/11, 706/45, 706/46, 706/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 13. Document ID: US 6018732 A

L9: Entry 13 of 21

File: USPT

Jan 25, 2000

US-PAT-NO: 6018732

DOCUMENT-IDENTIFIER: US 6018732 A

TITLE: System, method and article of manufacture for a runtime program regression analysis tool for a simulation engine

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/60; 434/307R, 434/322, 706/46, 706/47, 706/925

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 14. Document ID: US 5974405 A

L9: Entry 14 of 21

File: USPT

Oct 26, 1999

US-PAT-NO: 5974405

DOCUMENT-IDENTIFIER: US 5974405 A

TITLE: Knowledge base management system with enhanced explanation of derived information and error objects

DATE-ISSUED: October 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McGuinness; Deborah L.	Summit	NJ		
Patel-Schneider; Peter	Westfield	NJ		
Resnick; Lori Alperin	Highland Park	NJ		

US-CL-CURRENT: 706/45; 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 15. Document ID: US 5822745 A

L9: Entry 15 of 21

File: USPT

Oct 13, 1998

US-PAT-NO: 5822745

DOCUMENT-IDENTIFIER: US 5822745 A

TITLE: Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications

DATE-ISSUED: October 13, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hekmatpour; Amir	Burlington	VT		

US-CL-CURRENT: 706/59; 706/46, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 16. Document ID: US 5701400 A

L9: Entry 16 of 21

File: USPT

Dec 23, 1997

US-PAT-NO: 5701400

DOCUMENT-IDENTIFIER: US 5701400 A

TITLE: Method and apparatus for applying if-then-else rules to data sets in a relational data base and generating from the results of application of said rules a database of diagnostics linked to said data sets to aid executive analysis of financial data

DATE-ISSUED: December 23, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amado; Carlos Armando	Miami	FL	33131-2400	

US-CL-CURRENT: 706/45; 706/47, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawings
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☐ 17. Document ID: US 5673369 A

L9: Entry 17 of 21

File: USPT

Sep 30, 1997

US-PAT-NO: 5673369

DOCUMENT-IDENTIFIER: US 5673369 A

TITLE: Authoring knowledge-based systems using interactive directed graphs

DATE-ISSUED: September 30, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Michelle Yoonkyung	Scarsdale	NY		

US-CL-CURRENT: 706/59; 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawings
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☐ 18. Document ID: US 5546505 A

L9: Entry 18 of 21

File: USPT

Aug 13, 1996

US-PAT-NO: 5546505

DOCUMENT-IDENTIFIER: US 5546505 A

TITLE: Program product for facilitating use of a neural network

DATE-ISSUED: August 13, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Austvold; Shawn M.	Rochester	MN		
Bigus; Joseph P.	Rochester	MN		
Henckel; Jonathan D.	Rochester	MN		
Hospers; Paul A.	Rochester	MN		

US-CL-CURRENT: 706/44; 706/15, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawings
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☐ 19. Document ID: US 5297039 A

L9: Entry 19 of 21

File: USPT

Mar 22, 1994

US-PAT-NO: 5297039

DOCUMENT-IDENTIFIER: US 5297039 A

TITLE: Text search system for locating on the basis of keyword matching and keyword relationship matching

DATE-ISSUED: March 22, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanaegami; Atsushi	Kamakura			JP
Koike; Kazuhiro	Kamakura			JP
Taki; Hirokazu	Kamakura			JP
Ohgashi; Hitoshi	Kamakura			JP

US-CL-CURRENT: 707/5; 704/10, 704/9, 706/55, 706/60, 706/62, 706/934

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 20. Document ID: US 4803641 A

L9: Entry 20 of 21

File: USPT

Feb 7, 1989

US-PAT-NO: 4803641

DOCUMENT-IDENTIFIER: US 4803641 A

TITLE: Basic expert system tool

DATE-ISSUED: February 7, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Steven	Palo Alto	CA		
Joyce; Robert H.	San Jose	CA		

US-CL-CURRENT: 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 21. Document ID: US 4648044 A

L9: Entry 21 of 21

File: USPT

Mar 3, 1987

US-PAT-NO: 4648044

DOCUMENT-IDENTIFIER: US 4648044 A

TITLE: Basic expert system tool

DATE-ISSUED: March 3, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hardy; Steven	Palo Alto	CA		
Joyce; Robert H.	San Jose	CA		

US-CL-CURRENT: 706/60; 706/48, 706/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L9

Refine Search

Recall Text

Clear

Interrupt

### Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L9</u>	L6 and expert\$2 near knowledge and template	21	<u>L9</u>
<u>L8</u>	L6 and knowledge near expert\$2 and template	21	<u>L8</u>
<u>L7</u>	L6 and knowledge and expert and template	31	<u>L7</u>
<u>L6</u>	706/60.ccls.	150	<u>L6</u>
<u>L5</u>	(5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20	<u>L5</u>
<u>L4</u>	(5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34	<u>L4</u>
<u>L3</u>	(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	<u>L3</u>
<u>L2</u>	6,026,433.pn.	2	<u>L2</u>
<u>L1</u>	5,546,507.pn.	2	<u>L1</u>



END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L15 and multimedia	72

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:






### Search History

DATE: Thursday, January 29, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L16</u>	L15 and multimedia	72	<u>L16</u>
<u>L15</u>	L14 and HTML	84	<u>L15</u>
<u>L14</u>	L13 and Java\$6	86	<u>L14</u>
<u>L13</u>	L12 and database and question\$2 and answer\$2 and rules and fields	108	<u>L13</u>
<u>L12</u>	L11 and learn\$3 and problem and solv\$3	163	<u>L12</u>
<u>L11</u>	expert\$2 near knowledge and template	321	<u>L11</u>
<u>L10</u>	expert\$2 near knowledgte and template	0	<u>L10</u>
<u>L9</u>	L6 and expert\$2 near knowledge and template	21	<u>L9</u>
<u>L8</u>	L6 and knowledge near expert\$2 and template	21	<u>L8</u>
<u>L7</u>	L6 and knowledge and expert and template	31	<u>L7</u>
<u>L6</u>	706/60.ccls.	150	<u>L6</u>
<u>L5</u>	(5,103,498 4,964,125 4,945,476 4,920,499 4,847,784 4,803,641 4,764,867 4,733,354 4,731,725 4,658,370).pn.	20	<u>L5</u>

<u>L4</u>	(5,673,369 5,644,686 5,577,186 5,576,844 5,441,415 5,359,701 5,344,326 5,539,869 5,333,237 5,311,422 5,295,230 5,267,685 5,257,185 5,211,563 5,208,745 5,127,005 5,107,497).pn.	34	<u>L4</u>
<u>L3</u>	(6,029,159 5,987,443 5,788,508 5,870,768 5,835,683 5,806,056 5,799,292 5,696,885).pn.	16	<u>L3</u>
<u>L2</u>	6,026,433.pn.	2	<u>L2</u>
<u>L1</u>	5,546,507.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 50 of 72 returned.

☐ 1. Document ID: US 20030163361 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 72

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030163361

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030163361 A1

TITLE: System, method and article of manufacture for a simulation enabled retail management tutorial system

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Burgess, Olivia Ruth	London	WI	GB	
Bertrand, Benoit Patrick	Brossard	PA	CA	
Ciancaglini, Joseph Michael	Milwaukee	IL	US	
Haff, Lauren E.	Paoli	MN	US	
Lannert, Eric Jeffrey	Chicago	IL	US	
Levitt, Murray David	Plymouth	GA	US	
Nichols, Mark Stewart	Burr Ridge	WI	US	
Poon, Alexander Han Leung	Canton	IL	US	
Smith, John Kenneth	Madison	IL	US	
Smith, Karen Therese	Chicago	CT	US	
Zabloudil, Maureen Therese	Chicago	IL	US	
Walsh, Michael Joseph	Newington	CT	US	
Willow, Michael James	Naperville		US	
Wills, Kerry Russell	Middletown		US	

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 2. Document ID: US 20030084015 A1

L16: Entry 2 of 72

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084015

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030084015 A1

TITLE: Interactive simulations utilizing a remote knowledge base

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beams, Brian R.	Agoure Hills	CA	US	
Harris, Scott B.	Elgin	IL	US	

US-CL-CURRENT: 706/47; 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 20030058277 A1

L16: Entry 3 of 72

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030058277  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030058277 A1

TITLE: A VIEW CONFIGURER IN A PRESENTATION SERVICES PATTERNS ENVIROMENT

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
BOWMAN-AMUAH, MICHEL K.	COLORADO SPRINGS	CO	US	

US-CL-CURRENT: 345/765

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 4. Document ID: US 20030041040 A1

L16: Entry 4 of 72

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041040  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030041040 A1

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic characteristic tuning

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Bertrand, Benoit Patrick	Brossard	NJ	CA
O'Connor, Martha Torrey	Pennington	NY	US
Rosenfeld, Eren Tolga	New York		US

US-CL-CURRENT: 706/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 5. Document ID: US 20030023686 A1

L16: Entry 5 of 72

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023686  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030023686 A1

TITLE: Virtual consultant

PUBLICATION-DATE: January 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beams, Brian R.	Agoure Hills	CA	US	
Harris, Scott B.	Elgin	IL	US	

US-CL-CURRENT: 709/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 20020138590 A1

L16: Entry 6 of 72

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138590  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020138590 A1

TITLE: System method and article of manufacture for creating a virtual university experience

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beams, Brian R.	Agoure Hills	CA	US	
Harris, Scott B.	Elgin	IL	US	

US-CL-CURRENT: 709/218; 434/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 7. Document ID: US 20020119434 A1

L16: Entry 7 of 72

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020119434  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020119434 A1

TITLE: System method and article of manufacture for creating chat rooms with  
multiple roles for multiple participants

PUBLICATION-DATE: August 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beams, Brian R.	Agoure Hills	CA	US	
Harris, Scott B.	Elgin	IL	US	

US-CL-CURRENT: 434/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 20020090595 A1

L16: Entry 8 of 72

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090595  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020090595 A1

TITLE: System, method and article of manufacture for a simulation enabled focused  
feedback tutorial system

PUBLICATION-DATE: July 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hubbell, John Reader	Evanston	IL	US	
O' connor, Martha Torrey	Pennington	NJ	US	
Nichols, Mark Stewart	Burr Ridge	IL	US	
Poon, Alexander Han Leung	Canton	GA	US	
Rosenfeld, Eren Tolga	New York	NY	US	
Zadik, Beth Elyse	Chicago	IL	US	
Zorba, Alexander	Elmhurst	IL	US	

US-CL-CURRENT: 434/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: US 20020069189 A1

L16: Entry 9 of 72

File: PGPB

Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069189  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020069189 A1

TITLE: GOAL BASED EDUCATIONAL SYSTEM WITH PERSONALIZED COACHING

PUBLICATION-DATE: June 6, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertrand, Benoit Patrick	Quebec	CT	CA	
Zorba, Alexander	Middletown	MA	US	
Conant, Jonathan Christian	Worcester		US	

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw. D
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☐ 10. Document ID: US 20020052859 A1

L16: Entry 10 of 72

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052859  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020052859 A1

TITLE: SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GOAL BASED SYSTEM UTILIZING A TABLE BASED ARCHITECTURE

PUBLICATION-DATE: May 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
ROSENFELD, EREN TOLGA	NEW YORK	NY	US	
BASSEY, EKPEDEME MFON	CHICAGO	IL	US	
ZADIK, BETH ELYSE	CHICAGO	IL	US	
O'CONNOR, MARTHA TORREY	VERONA	NJ	US	
POON, ALEXANDER HAN LEUNG	WOLCOTT	CT	US	
LANNERT, ERIC JEFFREY	CHICAGO	IL	US	
SOLOMON, TRACEY ANDREA	NEPEAN	MA	CA	
CONANT, JONATHAN CHRISTIAN	WORCESTER	CT	US	
ZORBA, ALEXANDER	MIDDLETOWN	CT	US	
ZORBA, ALEXANDER	MIDDLETOWN	MA	US	
GOBRAN, TIMOTHY JOHN	NATICK	MA	US	
GILCHRIST, JAMES ANDREW	CHARLESTOWN	IL	US	



NICHOLS, MARK STEWART	DOWNERS GROVE	CO	US
FLEISHER, BRANDON DENNING	LITTLETON	CT	US
FRIEDMAN, CRAIG WILLIAM	NAUGATUCK	MA	US
LIPED, ADEBISI DETORO	BOSTON	IL	US
BAILEY, MATTHEW ALLEN	PALATINE		US

US-CL-CURRENT: 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 11. Document ID: US 20020035478 A1

L16: Entry 11 of 72

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020035478  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020035478 A1

TITLE: SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A SIMULATION ENABLED RETAIL MANAGEMENT TUTORIAL SYSTEM

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LEVITT, MURRAY DAVID	PLYMOUTH	MN	US	
SMITH, KAREN THERESE	CHICAGO	IL	US	
WILLOW, MICHAEL JAMES	WHEELING	IL	US	

US-CL-CURRENT: 705/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 12. Document ID: US 20010016839 A1

L16: Entry 12 of 72

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016839  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010016839 A1

TITLE: SYSTEM, METHOD AND ARTICLE OF MANUFACTURING FOR A RUNTIME PROGRAM ANALYSIS TOOL FOR A SIMULATION ENGINE

PUBLICATION-DATE: August 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
NICHOLS, MARK STEWART	DOWNERS GROVE	IL	US	

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 13. Document ID: US 6671818 B1

L16: Entry 13 of 72

File: USPT

Dec 30, 2003

US-PAT-NO: 6671818

DOCUMENT-IDENTIFIER: US 6671818 B1

TITLE: Problem isolation through translating and filtering events into a standard object format in a network based supply chain

DATE-ISSUED: December 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

US-CL-CURRENT: 714/4; 714/43, 714/48

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 14. Document ID: US 6658398 B1

L16: Entry 14 of 72

File: USPT

Dec 2, 2003

US-PAT-NO: 6658398

DOCUMENT-IDENTIFIER: US 6658398 B1

TITLE: Goal based educational system utilizing a remediation object

DATE-ISSUED: December 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/47; 706/45, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 15. Document ID: US 6640249 B1

L16: Entry 15 of 72

File: USPT

Oct 28, 2003

US-PAT-NO: 6640249  
DOCUMENT-IDENTIFIER: US 6640249 B1

TITLE: Presentation services patterns in a netcentric environment

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/228; 719/315

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 16. Document ID: US 6640244 B1

L16: Entry 16 of 72

File: USPT

Oct 28, 2003

US-PAT-NO: 6640244  
DOCUMENT-IDENTIFIER: US 6640244 B1

TITLE: Request batcher in a transaction services patterns environment

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/207; 707/10, 718/101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 17. Document ID: US 6640238 B1

L16: Entry 17 of 72

File: USPT

Oct 28, 2003

US-PAT-NO: 6640238  
DOCUMENT-IDENTIFIER: US 6640238 B1

TITLE: Activity component in a presentation services patterns environment

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michael K.	Colorado Springs	CO		

US-CL-CURRENT: 709/201; 709/203, 709/223, 709/224

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawings
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☐ 18. Document ID: US 6636242 B2

L16: Entry 18 of 72

File: USPT

Oct 21, 2003

US-PAT-NO: 6636242

DOCUMENT-IDENTIFIER: US 6636242 B2

TITLE: View configurer in a presentation services patterns environment

DATE-ISSUED: October 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 345/764; 345/733, 345/744, 345/762, 345/765

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawings
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☐ 19. Document ID: US 6615253 B1

L16: Entry 19 of 72

File: USPT

Sep 2, 2003

US-PAT-NO: 6615253

DOCUMENT-IDENTIFIER: US 6615253 B1

TITLE: Efficient server side data retrieval for execution of client side applications

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/219; 707/100, 711/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawings
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☐ 20. Document ID: US 6615199 B1

L16: Entry 20 of 72

File: USPT

Sep 2, 2003

US-PAT-NO: 6615199

DOCUMENT-IDENTIFIER: US 6615199 B1

TITLE: Abstraction factory in a base services pattern environment

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 706/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KMC	Draw D
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☐ 21. Document ID: US 6615166 B1

L16: Entry 21 of 72

File: USPT

Sep 2, 2003

US-PAT-NO: 6615166

DOCUMENT-IDENTIFIER: US 6615166 B1

TITLE: Prioritizing components of a network framework required for implementation of technology

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 703/27; 703/26, 709/220, 709/223, 709/231, 717/140, 719/316

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KMC	Draw D
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☐ 22. Document ID: US 6611822 B1

L16: Entry 22 of 72

File: USPT

Aug 26, 2003

US-PAT-NO: 6611822

DOCUMENT-IDENTIFIER: US 6611822 B1

TITLE: System method and article of manufacture for creating collaborative application sharing

DATE-ISSUED: August 26, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beams; Brian R.	Gurnee	IL		
Harris; Scott B.	Deerfield	IL		

US-CL-CURRENT: 706/11; 709/205, 719/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawn De
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☐ 23. Document ID: US 6606744 B1

L16: Entry 23 of 72

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

US-CL-CURRENT: 717/174; 705/26, 717/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawn De
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☐ 24. Document ID: US 6606660 B1

L16: Entry 24 of 72

File: USPT

Aug 12, 2003

US-PAT-NO: 6606660

DOCUMENT-IDENTIFIER: US 6606660 B1

TITLE: Stream-based communication in a communication services patterns environment

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/227

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Drawn De
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☐ 25. Document ID: US 6601234 B1

L16: Entry 25 of 72

File: USPT

Jul 29, 2003

US-PAT-NO: 6601234

DOCUMENT-IDENTIFIER: US 6601234 B1

TITLE: Attribute dictionary in a business logic services environment

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/108; 705/7, 717/107, 717/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 26. Document ID: US 6601192 B1

L16: Entry 26 of 72

File: USPT

Jul 29, 2003

US-PAT-NO: 6601192

DOCUMENT-IDENTIFIER: US 6601192 B1

TITLE: Assertion component in environment services patterns

DATE-ISSUED: July 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/38

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 27. Document ID: US 6578068 B1

L16: Entry 27 of 72

File: USPT

Jun 10, 2003

US-PAT-NO: 6578068

DOCUMENT-IDENTIFIER: US 6578068 B1

TITLE: Load balancer in environment services patterns

DATE-ISSUED: June 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/203; 709/226, 718/105

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw. De
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☐ 28. Document ID: US 6571282 B1

L16: Entry 28 of 72

File: USPT

May 27, 2003

US-PAT-NO: 6571282

DOCUMENT-IDENTIFIER: US 6571282 B1

TITLE: Block-based communication in a communication services patterns environment

DATE-ISSUED: May 27, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/219; 707/10, 709/203, 719/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 29. Document ID: US 6550057 B1

L16: Entry 29 of 72

File: USPT

Apr 15, 2003

US-PAT-NO: 6550057

DOCUMENT-IDENTIFIER: US 6550057 B1

TITLE: Piecemeal retrieval in an information services patterns environment

DATE-ISSUED: April 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/126; 700/80, 707/5, 717/101, 717/102, 717/108, 717/109, 717/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 30. Document ID: US 6549949 B1

L16: Entry 30 of 72

File: USPT

Apr 15, 2003

US-PAT-NO: 6549949

DOCUMENT-IDENTIFIER: US 6549949 B1

TITLE: Fixed format stream in a communication services patterns environment

DATE-ISSUED: April 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Bowman-Amuah; Michel K. Colorado Springs CO

US-CL-CURRENT: 709/236; 709/246

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 31. Document ID: US 6549893 B1

L16: Entry 31 of 72

File: USPT

Apr 15, 2003

US-PAT-NO: 6549893

DOCUMENT-IDENTIFIER: US 6549893 B1

TITLE: System, method and article of manufacture for a goal based system utilizing a time based model

DATE-ISSUED: April 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Gobran; Timothy John	Natick	MA		
Smith; Karen Therese	Chicago	IL		
Willow; Michael James	Wheeling	IL		
Conant; Jonathan Christian	Worcester	MA		
Murphy; Scott Michael	Stratford	CT		

US-CL-CURRENT: 706/60; 705/7, 705/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 32. Document ID: US 6542880 B2

L16: Entry 32 of 72

File: USPT

Apr 1, 2003

US-PAT-NO: 6542880

DOCUMENT-IDENTIFIER: US 6542880 B2

TITLE: System, method and article of manufacture for a goal based system utilizing a table based architecture

DATE-ISSUED: April 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenfeld; Eren Tolga	New York	NY		
Bassey; Ekpedeme Mfon	Chicago	IL		
Zadik; Beth Elyse	Chicago	IL		
O'Connor; Martha Torrey	Verona	NJ		

Poon; Alexander Han Leung	Wolcott	CT	
Lannert; Eric Jeffrey	Chicago	IL	
Solomon; Tracey Andrea	Nepean		CA
Conant; Jonathan Christian	Worcester	MA	
Zorba; Alexander	Middletown	CT	
Puccio; Carl Michael	Elk Grove Village	IL	
Gobran; Timothy John	Natick	MA	
Gilchrist; James Andrew	Charlestown	MA	
Nichols; Mark Stewart	Downers Grove	IL	
Fleisher; Brandon Denning	Littleton	CO	
Friedman; Craig William	Naugatuck	CT	
Lipede; Adebisi Detoro	Boston	MA	
Bailey; Matthew Allen	Palatine	IL	

US-CL-CURRENT: [706/45](#); [706/47](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 33. Document ID: US 6539396 B1

L16: Entry 33 of 72

File: USPT

Mar 25, 2003

US-PAT-NO: 6539396

DOCUMENT-IDENTIFIER: US 6539396 B1

TITLE: Multi-object identifier system and method for information service pattern environment

DATE-ISSUED: March 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: [707/103R](#); [707/101](#), [707/102](#), [707/103X](#), [707/202](#), [707/203](#), [711/118](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 34. Document ID: US 6536037 B1

L16: Entry 34 of 72

File: USPT

Mar 18, 2003

US-PAT-NO: 6536037

DOCUMENT-IDENTIFIER: US 6536037 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Identification of redundancies and omissions among components of a web based architecture

DATE-ISSUED: March 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 717/151; 703/2, 709/231

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 35. Document ID: US 6535861 B1

L16: Entry 35 of 72

File: USPT

Mar 18, 2003

US-PAT-NO: 6535861

DOCUMENT-IDENTIFIER: US 6535861 B1

TITLE: Goal based educational system with support for dynamic characteristics tuning using a spread sheet object

DATE-ISSUED: March 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/11; 434/107, 434/322, 434/327, 706/45, 706/46, 706/47, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 36. Document ID: US 6529948 B1

L16: Entry 36 of 72

File: USPT

Mar 4, 2003

US-PAT-NO: 6529948

DOCUMENT-IDENTIFIER: US 6529948 B1

TITLE: Multi-object fetch component

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/217; 709/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 37. Document ID: US 6529909 B1

L16: Entry 37 of 72

File: USPT

Mar 4, 2003

US-PAT-NO: 6529909

DOCUMENT-IDENTIFIER: US 6529909 B1

TITLE: Method for translating an object attribute converter in an information services patterns environment

DATE-ISSUED: March 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 707/10; 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 38. Document ID: US 6519571 B1

L16: Entry 38 of 72

File: USPT

Feb 11, 2003

US-PAT-NO: 6519571

DOCUMENT-IDENTIFIER: US 6519571 B1

TITLE: Dynamic customer profile management

DATE-ISSUED: February 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 705/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 39. Document ID: US 6502213 B1

L16: Entry 39 of 72

File: USPT

Dec 31, 2002

US-PAT-NO: 6502213

DOCUMENT-IDENTIFIER: US 6502213 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: System, method, and article of manufacture for a polymorphic exception handler in environment services patterns

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/49; 710/266, 710/268, 710/269

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 40. Document ID: US 6496850 B1

L16: Entry 40 of 72

File: USPT

Dec 17, 2002

US-PAT-NO: 6496850

DOCUMENT-IDENTIFIER: US 6496850 B1

TITLE: Clean-up of orphaned server contexts

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/203; 707/102, 709/224, 709/228

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 41. Document ID: US 6493690 B2

L16: Entry 41 of 72

File: USPT

Dec 10, 2002

US-PAT-NO: 6493690

DOCUMENT-IDENTIFIER: US 6493690 B2

TITLE: Goal based educational system with personalized coaching

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/25, 706/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 42. Document ID: US 6477665 B1

L16: Entry 42 of 72

File: USPT

Nov 5, 2002

US-PAT-NO: 6477665

DOCUMENT-IDENTIFIER: US 6477665 B1

TITLE: System, method, and article of manufacture for environment services patterns in a netcentric environment

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/39; 712/244

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 43. Document ID: US 6477580 B1

L16: Entry 43 of 72

File: USPT

Nov 5, 2002

US-PAT-NO: 6477580

DOCUMENT-IDENTIFIER: US 6477580 B1

TITLE: Self-described stream in a communication services patterns environment

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/231; 709/236

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 44. Document ID: US 6473794 B1

L16: Entry 44 of 72

File: USPT

Oct 29, 2002

US-PAT-NO: 6473794

DOCUMENT-IDENTIFIER: US 6473794 B1

TITLE: System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guheen; Michael F.	Tiburon	CA		
Mitchell; James D.	Manhattan Beach	CA		
Barrese; James J.	San Jose	CA		

US-CL-CURRENT: 709/223; 709/224

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 45. Document ID: US 6442748 B1

L16: Entry 45 of 72

File: USPT

Aug 27, 2002

US-PAT-NO: 6442748

DOCUMENT-IDENTIFIER: US 6442748 B1

TITLE: System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 717/108; 707/103R, 707/104.1, 707/9, 719/316

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 46. Document ID: US 6438594 B1

L16: Entry 46 of 72

File: USPT

Aug 20, 2002

US-PAT-NO: 6438594

DOCUMENT-IDENTIFIER: US 6438594 B1

TITLE: Delivering service to a client via a locally addressable interface

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: [709/225](#); [709/203](#), [709/217](#), [709/250](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 47. Document ID: US 6434628 B1

L16: Entry 47 of 72

File: USPT

Aug 13, 2002

US-PAT-NO: 6434628

DOCUMENT-IDENTIFIER: US 6434628 B1

TITLE: Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: [714/48](#); [714/1](#), [714/15](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 48. Document ID: US 6434568 B1

L16: Entry 48 of 72

File: USPT

Aug 13, 2002

US-PAT-NO: 6434568

DOCUMENT-IDENTIFIER: US 6434568 B1

TITLE: Information services patterns in a netcentric environment

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: [707/103R](#); [707/10](#), [709/203](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 49. Document ID: US 6339832 B1

L16: Entry 49 of 72

File: USPT

Jan 15, 2002

US-PAT-NO: 6339832

DOCUMENT-IDENTIFIER: US 6339832 B1



TITLE: Exception response table in environment services patterns

DATE-ISSUED: January' 15, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 714/35; 710/266, 710/48, 714/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 50. Document ID: US 6332163 B1

L16: Entry 50 of 72

File: USPT

Dec 18, 2001

US-PAT-NO: 6332163

DOCUMENT-IDENTIFIER: US 6332163 B1

TITLE: Method for providing communication services over a computer network system

DATE-ISSUED: December 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/231; 709/217, 709/223, 709/227, 719/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 51. Document ID: US 6289382 B1

Using default format because multiple data bases are involved.

L16: Entry 51 of 72

File: USPT

Sep 11, 2001

US-PAT-NO: 6289382

DOCUMENT-IDENTIFIER: US 6289382 B1

TITLE: System, method and article of manufacture for a globally addressable interface in a communication services patterns environment

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/226

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 52. Document ID: US 6134539 A

L16: Entry 52 of 72

File: USPT

Oct 17, 2000

US-PAT-NO: 6134539

DOCUMENT-IDENTIFIER: US 6134539 A

TITLE: System, method and article of manufacture for a goal based education and reporting system

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Bertrand; Benoit Patrick	Brossard			CA
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 706/11, 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 53. Document ID: US 6125358 A

L16: Entry 53 of 72

File: USPT

Sep 26, 2000

US-PAT-NO: 6125358

DOCUMENT-IDENTIFIER: US 6125358 A

TITLE: System, method and article of manufacture for a simulation system for goal based education of a plurality of students

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hubbell; John Reader	Evanston	IL		
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/11; 434/307R, 434/322, 706/46, 706/47, 706/60, 706/925

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 54. Document ID: US 6101489 A

L16: Entry 54 of 72

File: USPT

Aug 8, 2000

US-PAT-NO: 6101489

DOCUMENT-IDENTIFIER: US 6101489 A

TITLE: System, method and article of manufacture for a goal based system utilizing a time based model

DATE-ISSUED: August 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Gobran; Timothy John	Natick	MA		
Smith; Karen Therese	Chicago	IL		
Willow; Michael James	Wheeling	IL		
Conant; Jonathan Christian	Worcester	MA		
Murphy; Scott Michael	Stratford	CT		

US-CL-CURRENT: 706/45; 345/708, 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 55. Document ID: US 6085184 A

L16: Entry 55 of 72

File: USPT

Jul 4, 2000

US-PAT-NO: 6085184

DOCUMENT-IDENTIFIER: US 6085184 A

TITLE: System, method and article of manufacture for a dynamic toolbar in a tutorial system

DATE-ISSUED: July 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/45; 345/708, 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 56. Document ID: US 6073127 A

L16: Entry 56 of 72

File: USPT

Jun 6, 2000

US-PAT-NO: 6073127

DOCUMENT-IDENTIFIER: US 6073127 A

TITLE: System, method and article of manufacture for a goal based system with dynamic feedback information

DATE-ISSUED: June 6, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Ciancaglini; Joseph Michael	Greenfield	WI		
Burgess; Olivia Ruth	London			GB

US-CL-CURRENT: 706/45; 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 57. Document ID: US 6067538 A

L16: Entry 57 of 72

File: USPT

May 23, 2000

US-PAT-NO: 6067538

DOCUMENT-IDENTIFIER: US 6067538 A

TITLE: System, method and article of manufacture for a simulation enabled focused

feedback tutorial system

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zorba; Alexander	Middletown	CT		
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 58. Document ID: US 6067537 A

L16: Entry 58 of 72

File: USPT

May 23, 2000

US-PAT-NO: 6067537

DOCUMENT-IDENTIFIER: US 6067537 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic personality feedback

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		
Zorba; Alexander	Middletown	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 59. Document ID: US 6064998 A

L16: Entry 59 of 72

File: USPT

May 16, 2000

US-PAT-NO: 6064998

DOCUMENT-IDENTIFIER: US 6064998 A

TITLE: System, method and article of manufacture for a simulation engine with an expert system example processing engine

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Zabloudil; Maureen Therese                      Chicago                      IL  
Wills; Kerry Russell                              Manchester                      CT

US-CL-CURRENT: 706/45; 434/307R, 434/322, 706/46, 706/47, 706/60, 706/925

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstracts	Claims	KMC	Draw. D.
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☐ 60. Document ID: US 6032141 A

L16: Entry 60 of 72

File: USPT

Feb 29, 2000

US-PAT-NO: 6032141

DOCUMENT-IDENTIFIER: US 6032141 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic tailored feedback

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 434/107, 434/350, 706/11, 706/925, 706/927

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstracts	Claims	KMC	Draw. D.
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☐ 61. Document ID: US 6029159 A

L16: Entry 61 of 72

File: USPT

Feb 22, 2000

US-PAT-NO: 6029159

DOCUMENT-IDENTIFIER: US 6029159 A

TITLE: System, method and article of manufacture for a simulation enabled accounting tutorial system

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zorba; Alexander	Middletown	CT		
Rosenfeld; Eren Tolga	New York	NY		
Bertrand; Benoit Patrick	Brossard			CA
Lannert; Eric Jeffrey	Chicago	IL		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 62. Document ID: US 6029158 A

L16: Entry 62 of 72

File: USPT

Feb 22, 2000

US-PAT-NO: 6029158

DOCUMENT-IDENTIFIER: US 6029158 A

TITLE: System, method and article of manufacture for a simulation enabled feedback system

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 63. Document ID: US 6029156 A

L16: Entry 63 of 72

File: USPT

Feb 22, 2000

US-PAT-NO: 6029156

DOCUMENT-IDENTIFIER: US 6029156 A

TITLE: Goal based tutoring system with behavior to tailor to characteristics of a particular user

DATE-ISSUED: February 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Poon; Alexander Han Leung	Wolcott	CT		
Ciancaglini; Joseph Michael	Greenfield	WI		

US-CL-CURRENT: 706/11; 706/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Drawings
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☐ 64. Document ID: US 6026386 A

L16: Entry 64 of 72

File: USPT

Feb 15, 2000

US-PAT-NO: 6026386  
DOCUMENT-IDENTIFIER: US 6026386 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic media control

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Poon; Alexander Han Leung	Wolcott	CT		
Haff; Lauren E.	Paoli	PA		
Smith; John Kenneth	Middleton	WI		

US-CL-CURRENT: [706/45](#); [706/11](#), [706/47](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws	Doc
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☐ 65. Document ID: US 6023692 A

L16: Entry 65 of 72

File: USPT

Feb 8, 2000

US-PAT-NO: 6023692  
DOCUMENT-IDENTIFIER: US 6023692 A

TITLE: Goal based tutoring system with behavior to control flow of presentation

DATE-ISSUED: February 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: [706/14](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws	Doc
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☐ 66. Document ID: US 6023691 A

L16: Entry 66 of 72

File: USPT

Feb 8, 2000

US-PAT-NO: 6023691  
DOCUMENT-IDENTIFIER: US 6023691 A

TITLE: Goal based stimulator utilizing a spreadsheet architecture

DATE-ISSUED: February 8, 2000

## INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 67. Document ID: US 6018732 A

L16: Entry 67 of 72

File: USPT

Jan 25, 2000

US-PAT-NO: 6018732

DOCUMENT-IDENTIFIER: US 6018732 A

TITLE: System, method and article of manufacture for a runtime program regression analysis tool for a simulation engine

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/60; 434/307R, 434/322, 706/46, 706/47, 706/925

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 68. Document ID: US 6018731 A

L16: Entry 68 of 72

File: USPT

Jan 25, 2000

US-PAT-NO: 6018731

DOCUMENT-IDENTIFIER: US 6018731 A

TITLE: System, method and article of manufacture for a goal based system utilizing a spreadsheet and table based architecture

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Poon; Alexander Han Leung	Wolcott	CT		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 69. Document ID: US 6018730 A

L16: Entry 69 of 72

File: USPT

Jan 25, 2000

US-PAT-NO: 6018730

DOCUMENT-IDENTIFIER: US 6018730 A

TITLE: System, method and article of manufacture for a simulation engine with a help website and processing engine

DATE-ISSUED: January 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		
Gilchrist; James Andrew	Charlestown	MA		
Poon; Alexander Han Leung	Wolcott	CT		

US-CL-CURRENT: 706/45; 706/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 70. Document ID: US 6016486 A

L16: Entry 70 of 72

File: USPT

Jan 18, 2000

US-PAT-NO: 6016486

DOCUMENT-IDENTIFIER: US 6016486 A

TITLE: System method and article of manufacture for a goal based system utilizing an activity table

DATE-ISSUED: January 18, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/47; 434/118, 705/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 71. Document ID: US 6003021 A

L16: Entry 71 of 72

File: USPT

Dec 14, 1999

US-PAT-NO: 6003021

DOCUMENT-IDENTIFIER: US 6003021 A

TITLE: System, method and article of manufacture for a simulation system for goal based education

DATE-ISSUED: December 14, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zadik; Beth Elyse	Chicago	IL		
Poon; Alexander Han leung	Wolcott	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 72. Document ID: US 5987443 A

L16: Entry 72 of 72

File: USPT

Nov 16, 1999

US-PAT-NO: 5987443

DOCUMENT-IDENTIFIER: US 5987443 A

TITLE: System, method and article of manufacture for a goal based educational system

DATE-ISSUED: November 16, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		
Poon; Alexander Han Leung	Wolcott	CT		
Walsh; Michael Joseph	Newington	CT		

US-CL-CURRENT: 706/11; 434/118, 706/45, 706/47, 706/927

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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